

Principal Sponsors



# OFFSHORE TECHNOLOGY CONFERENCE ASIA

**22 - 25 March 2022**  
Kuala Lumpur, Malaysia

**Excellence in Asia:**  
Setting the Pace for  
Future Energy



## POST EVENT REPORT

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Offshore Technology  
Conference Asia



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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  
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Engineers



American Society of  
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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

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and Biofuels Institute



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Energy Workforce &  
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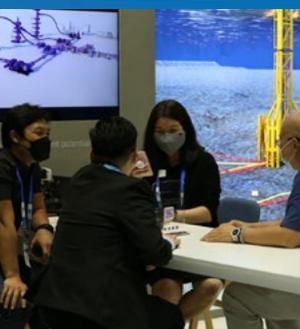
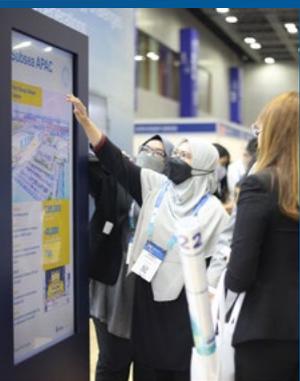
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### SUPPORTED BY

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# 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 energy 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



**8,821**  
participants, sponsors and exhibitors

**m<sup>2</sup>**

**2,745**  
sqm exhibition space



**1,791**  
participating organisations



**374**  
thought leaders and industry experts



**100+**  
sponsors and exhibitors



**66**  
dynamic business and technical conference sessions



**45**  
countries represented



**273**  
multidisciplinary technical presentations



**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

Offshore wind & wave  
Carbon Neutral Energy Supply  
Emerging Trends in Energy Supply  
Marine Photovoltaic  
**Carbon Resilient Value Chain**  
Green Hydrogen  
Remote Operations  
Decommissioning  
Industry Collaboration & Integration  
**Offshore energy & resources**

Next Generation Workforce  
Sustainable Roadmap  
Deepwater Technology

## Advancing and Disseminating Knowledge and Technologies



**7** high-level executive plenary and dialogues



**2** insightful technical panels



**11** engaging panel conversations



**5** development and recognition programmes



**35+** multidisciplinary technical sessions



**8** focused country sessions

## ▶ OTC ASIA 2022 IN NUMBERS



**8,821**  
Unique Attendees



**1,791**  
Participating Organisations



**89**  
Sponsors and Exhibitors



**227** C-Suite Executives  
and Government Officials



**45**  
Participating Organisations



**15+** Hours of High-Level  
Industry Dialogues



**30** Hours of Networking and  
Business Opportunities



**30**  
NOCs and IOCs

### Participating Countries



Australia



Austria



Bangladesh



Brunei Darussalam



Bulgaria



Canada



China



Colombia



Denmark



Ecuador



Egypt



France



Germany



Greece



India



Indonesia



Ireland



Italy



Japan



Kazakhstan



Kuwait



Malaysia



Mexico



Myanmar



Netherlands



Nigeria



Norway



Pakistan



Philippines



Qatar



Saudi Arabia



Singapore



South Africa



South Korea



Sudan



Switzerland



Tanzania



Thailand



Turkey



Turkmenistan



United Arab Emirates



United Kingdom



United States



Vietnam



Yemen

### Top 10 Countries



Malaysia



Singapore



Thailand



China



United States



United Arab  
Emirates



Australia



Indonesia



United Kingdom



India

# ▶ OTC ASIA 2022 IN NUMBERS

## Attendance by Primary Business

 **23.3%**  
Engineering and Construction

 **9.0%**  
Other

 **5.5%**  
Manufacturing / Original Equipment Supplies

 **2.2%**  
Government / Regulators

 **0.9%**  
Alternative / New Energy

 **18.0%**  
Exploration and Production

 **6.8%**  
Consulting

 **4.9%**  
Education

 **1.3%**  
Geosciences

 **0.9%**  
Finance / Insurance / Legal

 **16.4%**  
Oilfield Services

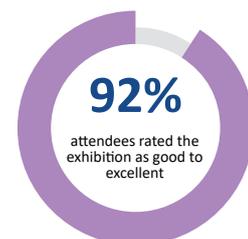
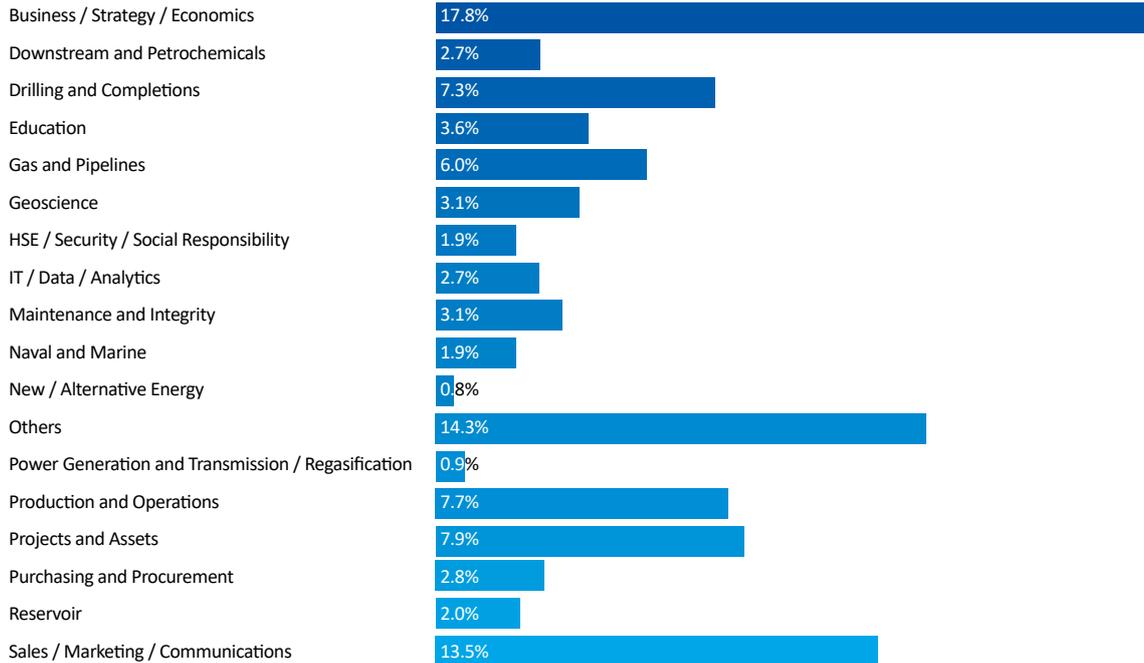
 **6.5%**  
Marine Services

 **2.6%**  
IT, Digital, AI & Robotics

 **1.2%**  
Hardware / Equipment

 **0.5%**  
Telecommunications

## Attendance by Job Function



## ▶ OTC ASIA 2022 IN NUMBERS

### Conference



**1,097**

Conference Delegates



**66**

Conference Sessions



**374**

Speakers



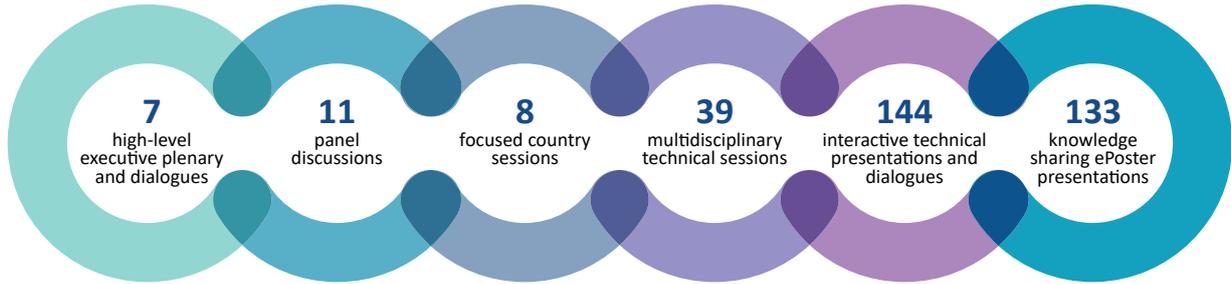
**273**

Technical Presentations



**108**

Participating Organisations



### Exhibition



**8,821**

Visitors



**78**

Exhibitors



**16**

Sponsors



**12**

Countries

### Recognition Programmes



**Distinguished  
Achievement  
Awards**

**Spotlight**<sup>SM</sup>  
on new  
**TECHNOLOGY**

### Development Programmes

**THE  
Next Wave**  
*A Programme for Young Professionals*

**UNIVERSITY  
R&D  
SHOWCASE AND  
CHALLENGE**

**ENERGY4ME TEACHER  
STEM WORKSHOP**

**MyWiE**  
MALAYSIA WOMEN IN ENERGY

## ▶ LEADERSHIP COMMITTEES

### 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: [www.otcnet.org/otc-board-of-directors](http://www.otcnet.org/otc-board-of-directors)

#### 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:  
[2022.otcasia.org/otc-asia-committees/oversight-committee](http://2022.otcasia.org/otc-asia-committees/oversight-committee)

### 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.

#### 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)**



**Lisa Bruner**  
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  
**Schlumberger**



Ivan Tan  
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Upstream and Country  
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**Shell**



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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.

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

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### Subcommittee Vice Chair

Dominic Foo, **University of Nottingham**

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Rafil Elyas, **East One-Zero-One Sdn. Bhd.**  
Razmahwata Razalli, **IGL Services Sdn. Bhd.**  
Marc Lehmann, **INPEX**  
Choosak Kokanutranont, **PTT Exploration and Production Public Company Ltd.**  
Prapoj Kiattikomol, **PTT Exploration and Production Public Company Ltd.**  
Mohd Fauzi Zani, **USCI University**  
Stuart F McKay, **Woodside Energy**

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### **Subcommittee Vice Chair**

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Teh Boon Chin, **DNV**

XuDong Qian, **National University of Singapore**

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David Daniel Johnny, **Sarawak Shell Berhad**

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Rudranath Banerjee, **Technip Energies**

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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### **Members**

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Wang Yu, **CNOOC Research Institute Co. Ltd.**

Suchada Punpruk, **PTT Exploration and Production Public Company Ltd.**

Albert Goh Chee Kong, **Qatar Petroleum**

Alix Mouret, **GENESIS Energies**

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Cepi Adam, **PT Pertamina Hulu Energy**  
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### Subcommittee Vice Chair

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### Subcommittee Vice Chair

Jaime Hui Choo Tan, Technip Energies

### Members

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Emmanuel Fontaine, MISC Offshore Business Unit  
Arun Kr Dev, Newcastle University

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Ahmed Elsherbini Ibrahim, Baker Hughes  
Ong See Hong, Baker Hughes  
Heather Gustin, BHP  
Li Qun, China National Petroleum Corporation (CNPC)  
Yongcun Feng, China University of Petroleum  
Xiaorong Li, China University of Petroleum  
Zhiming Chen, China University of Petroleum  
Dipak Mandal, Independent Reservoir Consultant  
Thomas Ng, Expro Oilfield Services Sdn. Bhd.  
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Habil Akram Rosland, HAR Consulting  
Long Jiang, Independent  
Hanna Hamizah Razif, Intertek  
Arun Krishnan, MODEC Offshore Production Systems (S) Pte Ltd  
Tomaso Ceccarelli, Mulk Oil & Gas Synergy  
Stuart Smith, NOPSEMA  
Shankar Bhukya, NOV Grant Prideco  
Kevin O'Flaherty, Offshore Decommissioning Services  
Abdolrahim Ataei, OQ  
Prady Chaliha, Osaka Gas Australia  
Deng Feng, PetroChina Research Institute of Petroleum Exploration & Development  
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Yap Yun Thiam, PETRONAS Carigali Sdn. Bhd.  
Mohd Izzat Mohd Thiyahuddin, PETRONAS Research Sdn. Bhd.  
Raj Deo Tewari, PETRONAS Research Sdn. Bhd.  
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Belladonna Maulianda, PT Pertamina (Persero)  
Anan Amornprabharwat, PTT Exploration and Production Public Company Ltd.  
Pongpun Urarungroj, PTT Exploration and Production Public Company Ltd.  
Mohamad Kamal Hamdan, PTT Exploration and Production Public Company Ltd.  
Nunthachai Amarutanon, PTT Exploration and Production Public Company Ltd.  
Gary Ong Swee Hong, PTTEP Malaysia

## ► SOCIETY OF PETROLEUM ENGINEERS (SPE) SUBCOMMITTEE

### Members

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**  
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, **Stroh**  
Herve Quintin, **Subsea 7**

Sharifudin Salahudin, **Sutera Energy Solutions**  
Salim Taoutaou, **TCOFS Llc.**  
Wong Kuek Keong, **Technip Energies**  
Maria Papadopoulou, **TechnipFMC**  
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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: <https://2022.otcasia.org/otc-asia-committees/malaysia-task-force>

#### 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.

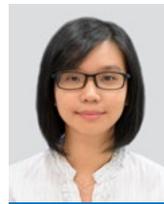
A list of members can be found here: <https://2022.otcasia.org/otc-asia-committees/the-next-wave>

#### Chair



Nabila Farhana Zainal Abidin  
Strategy & Commercial,  
Upstream  
**PETRONAS**

#### Vice-Chair



Jeen Ching  
Petrophysicist  
**DUG**

## ▶ OPENING CEREMONY

Tuesday, 22 March | 1400-1530 hours

The Opening Ceremony will include a keynote address by Dato' Sri Mustapa bin Mohamed, Minister in the Prime Minister's Department (Economy) and remarks by Datuk Tengku Muhammad Taufik, President & Group Chief Executive Officer, PETRONAS and Paul Jones, Chair, OTC Board of Directors.



“ The future will increasingly pivot towards energy transition – towards utilising energy from clean and sustainable sources, particularly natural gas and renewable energy. In order to transition seamlessly towards a low carbon economy, we need to strike the right balance on trade-offs in the energy trilemma. ”

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



Our gathering today is a recognition of the conference as a prominent and effective platform for industry leaders and experts to collectively address and forge a sustainable pathway for the world to transition towards a lower carbon future. Even as we continue to contend with the challenges and limitations caused by the COVID-19 pandemic, now two years in, industry gatherings such as this one, must continue. ”

Datuk Tengku Muhammad Taufik,  
President and Group CEO, PETRONAS



“ OTC Asia reflects the region's position as a global provider and user of technology where cultural and geographic diversity foster collaboration and innovation. We are pleased to be able to continue to hold OTC Asia in Kuala Lumpur, and to provide a knowledge sharing platform for this vibrant regional energy hub both in-person and online. ”

Paul Jones, OTC Board Chair





## ▶ EXCELLENCE IN ASIA: SETTING THE PACE FOR FUTURE ENERGY

Tuesday, 22 March | 1600-1730 hours



Mansoor Mohamed Al Hamed  
Chief Executive Officer  
Mubadala Petroleum



Hasliza Othman  
Chief Executive Officer  
PETRONAS Carigali  
Sdn. Bhd.



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

### Moderator



Eithne Treanor

Expounding on the conference theme “*Excellence in Asia: Setting the Pace for Future Energy*”, executives discussed 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.



▶ 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)



Arnaud Pieton  
Chief Executive  
Officer  
Technip Energies

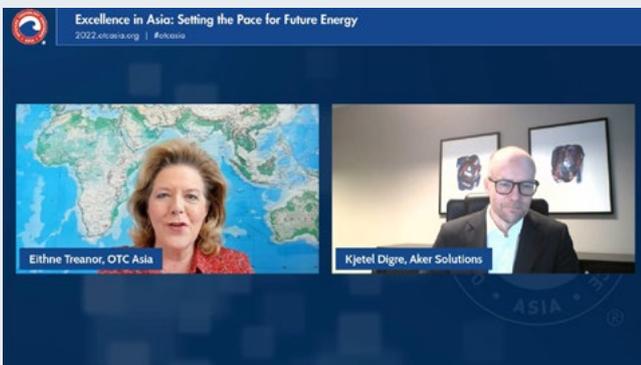


Girish Saligram  
President &  
Chief Executive  
Officer  
Weatherford



Menno Weustink  
Acting Executive  
Vice President  
Development  
Woodside Energy

The OTC Asia Executive Dialogue interviews were 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**



## ▶ 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**



**Daniel Purba**  
Senior Vice President  
Strategy & Investment  
**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**



## ▶ REACHING ZERO: TOWARDS A CARBON RESILIENT VALUE CHAIN

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

### Speakers



Concetto Fischetti  
Energy Transition  
Director  
**IOGP**



Mahesh Swaminathan  
Senior Vice President  
Asia Pacific  
Subsea & Deepwater  
**McDermott**



Hafidz Samsudi  
Head SD Planning &  
Stakeholder Management  
Downstream Sustainable  
Development  
**PETRONAS**

### Moderators



Atikah Jehan  
Commercial Advisor  
**Shell**



Alexon Jong  
Operations Manager  
**Shell**



## ▶ 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)**



Pandai Othman  
Managing Director &  
Chief Executive  
Officer  
**Malaysia Marine and  
Heavy Engineering  
Holdings Berhad  
(MHB)**



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



Jestadar  
Ngamchitrungruang  
Manager  
Natural Gas Supply &  
Trading Directorate  
**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**



## ▶ 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)**



**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**



## ▶ 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**



**Shaharuddin 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**



# ▶ 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  
Partner & Associate Director  
Upstream Oil & Gas  
BCG



Philip Whittaker  
Partner and Director  
Oil & Gas  
BCG



David Christensen  
Manager  
Decommissioning  
NOPSEMA



Shahril Ridzaudin 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



## ▶ 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  
Senior General  
Manager  
Integration Value &  
Assurance  
Malaysia Assets  
Upstream  
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



## ▶ 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  
Senior Vice President  
Global Product Lines  
Weatherford

### Moderator



Dipak Mandal  
Independent Reservoir  
Consultant



## ▶ NEXT GENERATION WORKFORCE AND TALENT

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

### Speakers



Anwar Yusoff  
Human Resources & External Affairs  
General Manager  
**ConocoPhillips Malaysia**



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  
Asia  
**Weatherford**

### Moderators



Cepi Adam  
Chief Development Geophysicist  
Upstream Subholding  
**PT Pertamina Hulu Energi**



Maria Papadopoulou  
TSP Manager (Malaysia – Indonesia)  
Subsea Services APAC  
**TechnipFMC**



## ▶ EXTENDING LATE LIFE ASSETS: SUBSEA AND SURFACE

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

### Speakers



Pundit Tharanamai  
Vice President seconded to CPOC as Senior Manager  
Development & Production  
**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**





## JAPAN

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

### Speakers



Hiroyuki Miyazaki  
Lead Engineering  
Coordinator  
Hydrogen & CCUS  
Development Office  
**INPEX Corporation**  
(INPEX)



Yunosuke Sawa  
Reservoir Engineer  
Environmental Business  
Promotion Department  
**Japan Petroleum**  
**Exploration Co., Ltd.**  
(JAPEX)



Junya Okazaki  
Principal Researcher  
Sustainability Co-  
Creation Department  
**JGC Holdings**  
**Corporation (JGC)**



Eiji Kawai  
Section Chief, Business  
Innovation Department  
**Chiyoda Corporation**  
(Chiyoda)

### Moderators



Yusuke Fujita  
Deputy Manager  
Technical Department 1  
**JX Nippon Oil & Gas**  
**Exploration (JX Nippon)**



Keisuke Miyoshi  
Deputy Director General  
Technology Department  
**Japan Oil, Gas and Metals**  
**National Corporation**  
(JOGMEC)



## INDONESIA

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

### Speakers



Tutuka Ariadji  
Director General of  
Oil and Gas  
**Ministry of Energy**  
**and Mineral**  
**Resources**  
**Government of**  
**Indonesia**



Irtiza Sayyed  
President  
**ExxonMobil**  
**Indonesia**



Devan Keith Raj  
Managing Director  
Indonesia  
**Schlumberger**



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



Henricus Herwin  
Vice President  
Upstream Business  
Development  
**PT Pertamina Hulu**  
**Energi** and SPE Asia  
Pacific Regional  
Director

### Moderators



## AUSTRALIA

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

### Speakers



Rebecca Brown  
Director General  
Department of  
Jobs, Tourism  
Science and  
Innovation (JTSI)  
**The Government of  
Western Australia**



Rod MacDonald  
Senior Vice President  
Asia Pacific West  
**Wood**



Scott Badger  
Vice President  
Hydrogen APAC  
**Worley**

### Moderator



Francis Norman  
General Manager  
Decommissioning & Strategy  
**NERA**



## CHINA

Wednesday, 23 March | 1600-1730 hours | Plenary Theatre, Level 3

### Speakers



Xie Yuhong  
Executive  
Vice President  
**CNOOC**



Yang Jin  
Professor  
**China University of  
Petroleum**



Zhao Jinzhou  
President  
**Southwest Petroleum  
University**



Zhao Gang  
President  
North Asia  
**Schlumberger**

### Moderator



Liu He  
Academician of  
Chinese Academy of  
Engineering  
RIPED  
**CNPC**



## THAILAND

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

### Speakers



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



Montri Silpaarcha  
Executive Vice President International Strategy and Development  
**PTT Public Company Limited**



Aman Modi  
Managing Director & Partner  
**BCG**



Siwanath Wetchasart  
Country Leader - Thailand and Myanmar  
**Baker Hughes**



Vanruedee Chariyapisuthi  
Vice President Strategy Planning  
**PTT Exploration and Production Public Company Limited**

### Moderator



## MALAYSIA: ROLE OF UPSTREAM INVESTMENTS IN ENSURING PRAGMATIC PATHWAY TOWARDS NET ZERO

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

### Speakers



YBhg. Datuk Yatimah Sarjiman  
Deputy Director General (Sectoral)  
**Economic Planning Unit  
Malaysia**



YBhg. Datuk Arham Abdul Rahman  
Chief Executive Officer  
**Malaysian Investment Development Authority (MIDA)**



Mohamed Firouz Asnan  
Senior Vice President Malaysia Petroleum Management Upstream Business  
**PETRONAS**



Shane Harris  
Chairman & President  
**ExxonMobil Exploration and Production Malaysia Inc**



Charlotte Wolff-Bye  
Chief Sustainability Officer  
**PETRONAS**

### Moderators



Mohd Redhani Abdul Rahman  
Head Portfolio Intervention and Transition  
**PETRONAS** and OTC Asia 2022 Malaysia Task Force Chair



Sharifah Zaida Nurlisha Syed Ibrahim  
President  
**Malaysia Oil & Gas Services Council (MOGSC)** and OTC Asia 2022 Malaysia Task Force Vice-Chair



## MALAYSIA BID ROUND 2022

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

### Speakers



Nurmaliza Binti Tukimin  
Manager  
Block Promotion &  
Marketing  
Resource Exploration  
Malaysia Petroleum  
Management  
**PETRONAS**



Jenani Thilagalingam  
Manager  
Asset Promotion &  
Marketing  
Discovered Resources  
Arrangement  
Malaysia Petroleum  
Management  
**PETRONAS**



## SOUTH KOREA

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

### Speakers



Hyunjin Kim  
Senior Vice President  
**Daewoo Shipbuilding &  
Marine Engineering**



Byeongyong Yoo  
Senior Vice President  
**Korea Shipbuilding and  
Offshore Engineering  
(KSOE)**



Antonio Yoon  
Vice President  
Head of Offshore Proposal  
**Samsung Heavy Industries**



Yutaek Seo  
Professor  
**Seoul National University**

### Moderator



Susan Yeyoung Ji  
Executive - Country  
Leader/Korea  
**Baker Hughes**

## ▶ DRILLING MEETS AI

Wednesday, 23 March 2022 | 1100-1230hours | Room 401/402, Level 4

### Speakers



Azucena Gomez  
Data Science - Global  
Business Manager  
Halliburton



Shungo Abe  
Digital Transformation  
Group  
Japan Oil, Gas and  
Metals National  
Corporation



Meor Muhammad  
Hakeem Meor Hashim  
Executive (Wells)  
PETRONAS Carigali  
Sdn. Bhd.



Ryota Wada  
Associate Professor  
University of Tokyo

### Moderators



Nori Kyo  
Principal Researcher  
JAMSTEC



Tomoya Inoue  
Senior Researcher  
JAMSTEC



## ▶ DECARBONISATION OF OIL AND GAS: ELECTRIFICATION

Thursday, 24 March 2022 | 1100-1230hours | Room 401/402, Level 4

### Speakers



Asmund Meland  
Group Senior  
Vice President  
Subsea and Offshore  
Power Segment  
ABB



Egil Birkemo  
Vice President  
HV Infrastructure  
Renewables  
Aker Solutions



John Olav Fløisand  
Manager  
Emerging Energy and  
Low Carbon Solutions  
OneSubsea

### Moderator



Per Hagen  
Regional Director  
NORWEP

## ► TECHNICAL AND KNOWLEDGE SHARING ePOSTER SESSIONS

More than 270 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
- CO<sub>2</sub> 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 to Sand Control
- Offshore Operations and Installations
- Pipelines/Umbilicals I, II
- 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



## ▶ DISTINGUISHED ACHIEVEMENT AWARDS



### Distinguished Achievement Awards



The Offshore Technology Conference Asia (OTC Asia) Distinguished Achievement Awards recognises major technological, humanitarian, environmental, and leadership contributions to the industry. This year's recipients are:

#### *OTC Asia Distinguished Achievement Award for Individuals*



**Emeliana Rice-Oxley** for her outstanding, significant and unique achievements, and extensive contributions to the energy sector. Specifically commending her active advocacy of diversity and inclusion within and beyond the industry.

#### *OTC Asia Distinguished Achievement Award for Companies, Organisations and Institutions*



**Saudi Aramco** for the outstanding, significant and unique achievements the **Karan Mega Project** has contributed to our industry, specifically the innovative approach to design, execute and finance a world-class endeavour.

#### Special Citations



**Yogarajah Thurairajah** for his outstanding, significant and unique achievements, and extensive contributions to our industry, specifically his commitment to the highest QHSES standards.



## ▶ SPOTLIGHT ON NEW TECHNOLOGY AWARDS

**Spotlight**<sup>SM</sup>  
on new  
**TECHNOLOGY**



The Offshore Technology Conference Asia recognizes innovative technologies with the Spotlight on New Technology® Award. The programme recognizes the latest and most advanced technologies from the region that are leading the industry into the future.

*Congratulations to the OTC Asia 2022 Spotlight on New Technology Award recipients:*

### NAUTILUS

**Nautilus** is an integrated robot that can deliver full pipeline services for spot repair including inspection, repair and maintenance. Subsea interventions can be performed with less time, resources, and risks. Combining all the pipeline repair tasks into a single robot represents a major achievement for the industry.



Kongsberg Ferrotech



### OPTIQ SEISMIC FIBER-OPTIC BOREHOLE SEISMIC SOLUTION



**Optiq Seismic fiber-optic borehole seismic solution** eliminates the need for a dedicated borehole seismic descent, improving efficiency and reducing carbon emissions by up to 99%. It is an end-to-end solution that leverages distributed acoustic sensing, digital innovation, and unique temporary or permanent fiber-optic deployments to reduce exploration time and maximize production.

# Schlumberger

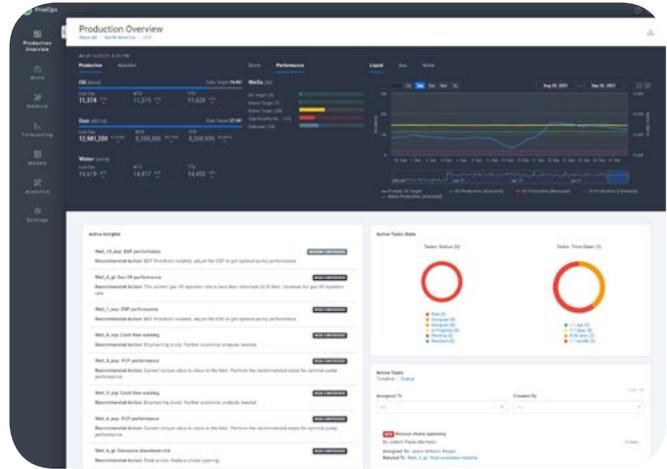


► SPOTLIGHT ON NEW TECHNOLOGY AWARDS

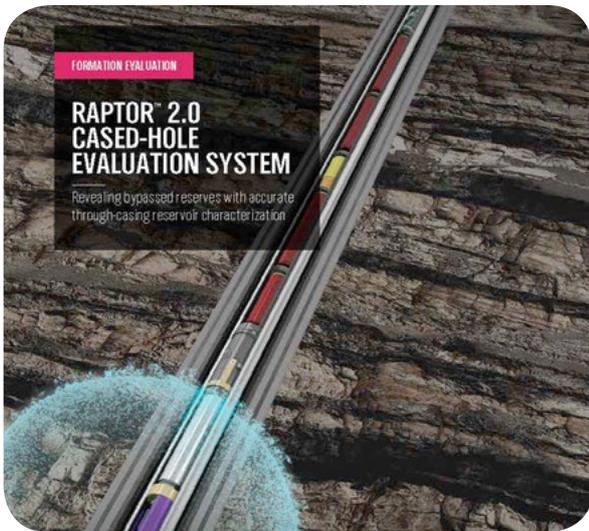


PRODOPS TUNED PRODUCTION OPERATIONS SOLUTION

The ProdOps tuned production operations solution is a collaborative, automated advisory system that identifies asset underperformance and enhancement opportunities up to 80% faster than was previously possible. The solution delivers single-source-of-truth operational data, auto-calibrated models, and automated insights. All models delivered on an open foundation power faster, better decision making at scale.



MEMORY RAPTOR™ CASED-HOLE EVALUATION SYSTEM



The Memory Raptor™ cased-hole evaluation system provides advanced reservoir management, formation evaluation, and production diagnostics on the smallest platforms and satellite well installations. The system delivers the full range of advanced pulsed-neutron measurements on a slickline unit with a single engineer and small toolkit, which reduces cost and operational complexity.



## DEVELOPMENT PROGRAMMES

# THE Next Wave

A Programme for Young Professionals



### Welcoming the New Energy Mix: Adapting and Staying Relevant

The Next Wave programme is tailored for energy professionals under the age of 36 or with less than 10 years of working experience in the energy industry. This programme offers participants the 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.



**82**  
participants



**47**  
organisations



**16**  
speakers



**8**  
countries



**7 hours**  
of networking

### Speakers and Mentors



Mohsin Alhadrami  
Director New Energy  
**Schlumberger Middle East  
& North Africa**



Anwar Yusoff  
Human Resources & External  
Affairs General Manager  
**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  
Asia  
**Weatherford**



Cepi Adam  
Chief Development  
Geophysicist  
Upstream Subholding  
**PT Pertamina Hulu Energi**



Maria Papadopoulou  
TSP Manager  
(Malaysia – Indonesia)  
Subsea Services APAC  
**TechnipFMC**



Suresh Sinnappu  
Subsurface Director  
Asia Pacific  
**Baker Hughes**



Eddy Kamaruddin  
Co-Founder & Vice  
President (Asia)  
**Beicip Franlab Asia**



Tisha Sinnathamboo  
General Manager  
Partner Operated Assets  
**ConocoPhillips Malaysia**



Aadrin Azly  
Chief Digital Officer  
**PETRONAS**

## ► DEVELOPMENT PROGRAMMES

# THE Next Wave

A Programme for Young Professionals



### Speakers and Mentors



Suhana Sidek  
Head of Portfolio  
Management  
& Risk, New Energy  
**PETRONAS**



Anwarudin Bin Saidu  
Mohamed  
Chief Technology Officer  
**Reservoir Link Group**



Zahris Sham Abu Musa  
Global Account Director  
**Schlumberger**



Zalina Jamaluddin  
Chief Operating Officer  
**SEA Hibiscus**



Dato' Kamarul Redzuan  
Bin Muhamed  
Chief Executive Officer  
**UZMA Group**



Adrin Shafil Ahmad Nasir  
Chief Operating Officer  
**Velesto Energy Berhad**



## ► DEVELOPMENT PROGRAMMES

### UNIVERSITY R&D SHOWCASE AND CHALLENGE



#### 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.

Thank you to this year's participants for their presentations:

- A Flowback Analysis Method of Estimating Fracture Properties in Shale Reservoirs by China U. of Petroleum
- The Capture Value Problem for Offshore Wind - and a Possible Solution Based on Air Compression by University of Nottingham
- Process Simulation and Optimisation for Acid Gas Removal System in Natural Gas Processing by University of Nottingham
- An Integrated Simulation-Optimisation Strategy of Triethylene Glycol Natural Gas Dehydration System by University of Nottingham



University of  
Nottingham  
UK | CHINA | MALAYSIA



### 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. More than 100 teachers from the region received access to hands-on training materials from qualified facilitators virtually on Monday, 21 March.

Co-Sponsored by

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**SEE YOU IN 2024!**



**27 February – 1 March 2024**

**Kuala Lumpur, Malaysia**

# An OTC Event



# Other OTC Events



For more information, visit the website or email us at [otcasia@otcnet.org](mailto:otcasia@otcnet.org)