

SPE WORKSHOP

14-15 MAY 2024 | KUALA LUMPUR, MALAYSIA



# Asia Pacific Wells Week – Advancing Wells Ecosystem through Sustainable Solutions, Innovations and Collaborations

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# ASIA PACIFIC WELLS WEEK - ADVANCING WELLS ECOSYSTEM THROUGH SUSTAINABLE SOLUTIONS, INNOVATIONS AND COLLABORATIONS

14-15 MAY 2024 | KUALA LUMPUR, MALAYSIA

## About the Workshop

### Asia Pacific Wells Week – Advancing Wells Ecosystem through Sustainable Solutions, Innovations and Collaborations

The SPE Workshop: Asia Pacific Wells Week returns to Kuala Lumpur, providing a platform for the wells community to promote sustainable practices, technological innovations, and collaborative strategies in well development and management. The Asia Pacific oil and gas industry has its fair share of challenges, and technology integration lies at the forefront of addressing these challenges. Companies are investing in digital solutions to optimise operations, reduce costs, and enhance safety.

Looking ahead, the industry's future in the region holds significant promise. Sustainability will remain a top priority, with an increased adoption of renewable energy sources and carbon capture technologies. Adaptation to evolving market dynamics, including shifts in energy demand, will be critical for the continued success of this vital industry.



**DISCUSS** and **EXCHANGE KNOWLEDGE** on the latest in research, new methods, case studies and lessons learnt in wells development



**EXPLORE** the latest innovations in sustainable wells development with a focus on Digitalisation, Data Analytics and Automation (DDAA)



**FOSTER PARTNERSHIPS** to drive Asia Pacific wells development and pave the way towards a sustainable energy future



**NETWORK** and **ENHANCE** perspectives by connecting with peers and experts

## Who Should Attend?

- |   |   |
|---|---|
|  <b>AI AND MACHINE LEARNING</b>          |  <b>RESERVOIR ENGINEERING</b>                          |
|  <b>ASSET INTEGRITY AND MANAGEMENT</b>   |  <b>TECHNO-COMMERCIAL</b>                              |
|  <b>CARBON CAPTURE AND STORAGE (CCS)</b> |  <b>WELL DESIGN AND CONSTRUCTION</b>                   |
|  <b>COMPLETIONS</b>                      |  <b>WELL ENGINEERING</b>                               |
|  <b>DIGITALISATION AND AUTOMATION</b>    |  <b>WELL INTERVENTION</b>                              |
|  <b>DRILLING / DRILLING FLUIDS</b>       |  <b>WELL MONITORING AND CONTROL</b>                    |
|  <b>FORMATION EVALUATION</b>             |  <b>WELL PLUGGING, ABANDONMENT AND DECOMMISSIONING</b> |
|  <b>PRODUCTION OPTIMISATION</b>          |  <b>WELL SERVICES</b>                                  |
|   |  <b>WELL STIMULATION</b>                               |

**OUR COMMITTEE MEMBERS**

Get to know the Committee Members that shapes the programme.

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## Programme Schedule

| Time                          | Clarke I   | Clarke II   |
|-------------------------------|--|---|
| <b>TUESDAY, 14 MAY 2024</b>   |  |   |
| 0800-0850 hours               | Registration and Welcome Refreshments  |   |
| 0850-0900 hours               | Safety Announcement by Hotel   |   |
| 0900-0930 hours               | <b>Opening and Keynote Session</b>   |   |
| 0930-1030 hours               | Executive Plenary Session<br><b>Advancing Wells Ecosystem through Sustainable Solutions, Innovations and Collaborations</b>              |   |
| 1030-1100 hours               | Coffee and Tea Break   |   |
| 1100-1230 hours               | Panel Session 1<br><b>Striking the Balance between Economics and Sustainability in Well Lifecycle Optimisation</b>                       | Technical Session 1<br><b>Well Intervention I</b>                                     |
| 1230-1400 hours               | Networking Luncheon  |   |
| 1315-1345 hours               | <b>Knowledge Sharing ePoster Session 1</b>   |   |
| 1400-1530 hours               | Technical Session 2<br><b>Drilling and Deepwater Development</b>   | Technical Session 3<br><b>Well Integrity</b>  |
| 1530-1600 hours               | <b>Coffee and Tea Break / Knowledge Sharing ePoster Session 2</b>  |   |
| 1600-1730 hours               | Technical Session 4<br><b>Digitalisation, Data Analytics and Automation (DDAA) I</b>   | Technical Session 5<br><b>Completion</b>  |
| 1730 hours onwards            | Networking Dinner  |   |
| <b>WEDNESDAY, 15 MAY 2024</b> |  |   |
| 0900-1030 hours               | Panel Session 2<br><b>Embracing Sustainability in the Wells Community</b>  | Technical Session 6<br><b>Digitalisation, Data Analytics and Automation (DDAA) II</b> |
| 1030-1100 hours               | <b>Coffee and Tea Break / Knowledge Sharing ePoster Session 3</b>  |   |
| 1100-1230 hours               | Panel Session 3<br><b>Integrating Carbon Capture, Utilisation, and Storage (CCUS) in Wells Development: Challenges and Opportunities</b> | Technical Session 7<br><b>Fluid and Cementing</b>                                     |
| 1230-1400 hours               | Networking Luncheon  |   |
| 1315-1345 hours               | <b>Knowledge Sharing ePoster Session 4</b>   |   |
| 1400-1530 hours               | Technical Session 8<br><b>Field Project Development</b>  | Technical Session 9<br><b>Well Intervention II</b>                                    |
| 1530-1600 hours               | <b>Coffee and Tea Break / Knowledge Sharing ePoster Session 5</b>  |   |
| 1600-1730 hours               | Technical Session 10<br><b>New Innovations and Technologies</b>  | Technical Session 11<br><b>Well Plug and Abandonment (P&amp;A)</b>                    |

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## Tuesday, 14 May 2024

### 0900 - 0930

Opening and Keynote Session



#### WELCOME REMARKS

Shahrul Nizam Effendi  
Workshop Co-Chair  
Senior Manager Wells Data and  
Performance  
PETRONAS Carigali Sdn. Bhd.

### 0930 - 1030

#### EXECUTIVE PLENARY SESSION: ADVANCING WELLS ECOSYSTEM THROUGH SUSTAINABLE SOLUTIONS, INNOVATIONS AND COLLABORATIONS

Session Moderator: Sanggeetha Paramavathar, **Halliburton Energy Services (M) Sdn. Bhd.**

*This session will discuss challenges and opportunities in wells development regionally. Topics will include an increased emphasis on sustainability, the adoption of renewable energy sources and carbon capture technologies, ongoing innovation, regional cooperation, and adaptation to evolving market dynamics.*

### 1030 - 1100 | COFFEE AND TEA BREAK

### 1100 - 1230

#### PANEL SESSION 1: STRIKING THE BALANCE BETWEEN ECONOMICS AND SUSTAINABILITY IN WELL LIFECYCLE OPTIMISATION

Session Managers: Rosano Sosrohadisewoyo, **Altus Intervention**;  
Jason Kok Chin Hwa, **INNOVATEQ**; Gerardus Putra Pancawisna, **PT Pertamina Hulu Mahakam**

*This session will discuss a comprehensive approach to achieving a balance in optimising well lifecycle performance while adhering to economic constraints and sustainability goals through optimum well design and placement, enhanced operational efficiency, innovative economic strategies, and collaborations with all stakeholders.*

### 1100 - 1230

#### TECHNICAL SESSION 1: WELL INTERVENTION I

Session Managers: Alex Liew, **Hess E&P Malaysia**; Amalia Bolhassan, **Shell**

### 1230 - 1400 | NETWORKING LUNCHEON

### 1315 - 1345 | KNOWLEDGE SHARING EPOSTER SESSION 1

### 1400 - 1530

#### TECHNICAL SESSION 2: DRILLING AND DEEPWATER DEVELOPMENT

Session Managers: TM Chia, **Expro**; Andri M Hidayat, **Weatherford**

### 1400 - 1530

#### TECHNICAL SESSION 3: WELL INTEGRITY

Session Managers: Ahmad Fitri Mahmud, **Archer**; Fadzil Yahaya, **PETRONAS Carigali Sdn. Bhd.**

### 1530 - 1600 | COFFEE AND TEA BREAK / KNOWLEDGE SHARING EPOSTER SESSION 2

### 1600 - 1730

#### TECHNICAL SESSION 4: DIGITALISATION, DATA ANALYTICS AND AUTOMATION (DDAA) I

Session Managers: Ahmad Syafiq Zahid, **AEM Energy Solutions Sdn. Bhd.**; Tengku Ezharuddin Tengku Bidin, **Faazmiar Technology Sdn. Bhd.**

### 1600 - 1730

#### TECHNICAL SESSION 5: COMPLETION

Session Managers: Ho Ching, **Halliburton Energy Services (M) Sdn. Bhd.**; Nurul Ezalina Hamzah, **PETRONAS Carigali Sdn. Bhd.**

### 1730 ONWARDS | NETWORKING DINNER

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## Wednesday, 15 May 2024

0900 - 1030

### PANEL SESSION 2: EMBRACING SUSTAINABILITY IN THE WELLS COMMUNITY

Session Managers: Alex Liew, **Hess E&P Malaysia**; Artur Giniyatullin, **TGT Oilfield Services Sdn. Bhd.**; Robert Crawford, **Well-SENSE Technology Ltd**

*This session will discuss what GHG scope 1, 2, and 3 emissions mean to the stakeholders and review existing strategies, technologies, and future requirements. Additionally, it will outline the evolving GHG reporting obligations and how different company strategies impact field development approaches and well design strategies.*

0900 - 1030

### TECHNICAL SESSION 6: DIGITALISATION, DATA ANALYTICS AND AUTOMATION (DDAA) II

Session Managers: Muhammad Farid Ahmad Tarmizi, **Eftech Energy Solutions Sdn. Bhd.**; Jason Kok Chin Hwa, **INNOVATEQ**

1030 - 1100 | **COFFEE AND TEA BREAK /  
KNOWLEDGE SHARING EPOSTER  
SESSION 3**

1100 - 1230

### PANEL SESSION 3: INTEGRATING CARBON CAPTURE, UTILISATION, AND STORAGE (CCUS) IN WELLS DEVELOPMENT: CHALLENGES AND OPPORTUNITIES

Session Managers: Faten Nasyrah Zulkifli, **PETRONAS**; Viraphon Thanasarnpisut, **SLB**

*This session will uncover the challenges and opportunities of integrating CCUS technologies into wells development processes. Additionally, it will delve into collaborative solutions to unlock the full potential of CCUS in wells development, driving sustainable energy transition and environmental stewardship.*

1100 - 1230

### TECHNICAL SESSION 7: FLUID AND CEMENTING

Session Managers: Tieng Soon Heu, **Brunei Shell Petroleum**; Ikmal Hakim Ghazali, **Vestigo Petroleum Sdn. Bhd.**

1230 - 1400 | **NETWORKING LUNCHEON**

1315 - 1345 | **KNOWLEDGE SHARING  
EPOSTER SESSION 4**

1400 - 1530

### TECHNICAL SESSION 8: FIELD PROJECT DEVELOPMENT

Session Managers: Amalia Bolhassan, **Shell**; Harpreet Kaur Dalgit Singh, **Weatherford Asia Pacific Pte Ltd**

1400 - 1530

### TECHNICAL SESSION 9: WELL INTERVENTION II

Session Managers: Nadiah Kamaruddin, **Deleum Oilfield Sdn. Bhd.**; Hing Leong Chua, **PETRONAS Carigali Sdn. Bhd.**

1530 - 1600 | **COFFEE AND TEA BREAK /  
KNOWLEDGE SHARING EPOSTER  
SESSION 5**

1600 - 1730

### TECHNICAL SESSION 10: NEW INNOVATIONS AND TECHNOLOGIES

Session Managers: Mas Nadiana Mohd Noor, **Deleum Oilfield Sdn. Bhd.**; Andy Watt, **Woodside Energy**

1600 - 1730

### TECHNICAL SESSION 11: WELL PLUG AND ABANDONMENT (P&A)

Session Managers: Syed Mohd Shahril Syed Ahmad, **PETRONAS**; Robert Crawford, **Well-SENSE Technology Ltd**



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#### Reinforce Relationships

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Demonstrate your commitment to the industry through support

### Who We Are

SPE is the largest individual member organisation serving managers, engineers, scientists and other professionals worldwide in the upstream segment of the oil and gas industry.

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For a detailed list of available sponsorships, including benefits and pricing, contact Renee Wong at [rwong@spe.org](mailto:rwong@spe.org).

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