

SPE WORKSHOP

6-7 AUGUST 2024 | KUALA LUMPUR, MALAYSIA



Marginal and Mature Field Development and Operation

REGISTER NOW



MARGINAL AND MATURE FIELD DEVELOPMENT AND OPERATION

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 About the Workshop

Marginal and Mature Field Development and Operation

This workshop will explore various views on marginal field development and operation, focusing on integrating strategies from mature field management to ensure sustainable energy production throughout the asset lifecycle. This gathering of industry experts will explore innovative approaches, best practices, and emerging technologies tailored to maximise the potential of marginal fields while addressing challenges in their late-life phases.

Participants will gain insights into reservoir characterisation methodologies, enhanced oil recovery techniques, cost-effective drilling solutions and fit-for-value facilities concepts tailored to marginal environments. Through case studies and interactive discussions, attendees will uncover synergies between mature and marginal field development, unlocking new pathways for maximising asset value.



LEARN from leading experts and decision-makers driving the field through in-depth technical knowledge sharing and discussions.



IMPROVE operational efficiency in various areas of marginal and mature fields operations.



LEVERAGE peer-to-peer networking opportunities to enhance industry collaborative efforts.

 Who Should Attend?

- | | |
|---|--|
|  ASSET DEVELOPMENT AND MANAGEMENT |  STRATEGIC PLANNING |
|  FACILITIES AND PROCESS |  SUSTAINABILITY |
|  FIELD DEVELOPMENT PLANNING |  TECHNO-COMMERCIAL |
|  GEOLOGY AND GEOPHYSICS |  TECHNOLOGY AND INNOVATIONS |
|  INTEGRATED OPERATIONS |  VENTURE CAPITAL |
|  PRODUCTION ENGINEERING |  WELLS P&A |
|  PRODUCTION SURVEILLANCE |  FACILITIES DECOMMISSIONING |
|  RESERVOIR ENGINEERING |  GOVERNMENT & REGULATORS |
|  RESERVOIR MANAGEMENT | |



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COMMITTEE
MEMBERS**

Get to know the Committee Members that shapes the programme.



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MEMBER?**

Join SPE today and receive a discounted registration rate for this workshop and other SPE events.

Programme Schedule

TUESDAY, 6 AUGUST 2024

0800 – 0850	Arrival of Delegates, Registration and Welcome Refreshments
0850 – 0900	Safety Announcement by Hotel
0900 – 1000	Welcome Remarks and Keynote Session
1000 – 1030	Group Photo / Coffee and Tea Break
1030 – 1230	Session 1: Panel Session - Ways to Monetise Marginal and Mature Fields to Bring Value to Project Economics Session Manager: Jazmie Osman, PETRONAS ; Azmeer Ahmad, ExxonMobil
1230 – 1330	Networking Luncheon
1330 – 1530	Session 2: Technologies to Enable Marginal and Mature Fields Operation and Development Session Managers: Sorawee Rongdechprateep, PTTEP ; M Sahir Ahmad Shatiry, PETRONAS ; Jan Niuerwerf, SNF
1530 – 1550	Coffee and Tea Break
1550 – 1750	Session 3: Drilling, Well Completion and Workover Technologies and Solutions to Monetise Marginal and Mature Fields Session Managers: Nurul Ezalina, PETRONAS ; Agus Jayadi, SLB
1830 onwards	Welcome Dinner

WEDNESDAY, 7 AUGUST 2024

0900 – 1100	Session 4: Innovative Approaches to Surface and Subsurface Design and Layout Optimisation for Marginal and Mature Field Developments Session Managers: Siti Shafikah, PETRONAS ; Leong Dong Guo, PTTEP
1100 – 1120	Coffee and Tea Break
1120 – 1320	Session 5: Advanced Process Optimisation Techniques and Execution Case Studies for Enhancing Production Efficiency and Reducing Operating Costs in Marginal and Mature Fields Session Managers: Goh Bee Ling, ExxonMobil ; Zukhairi Ismail, PETRONAS ; Jason Kok, INNOVATEQ
1320 – 1420	Networking Luncheon
1420 – 1620	Session 6: Integrated Asset Life Extension and Management Strategies for Maximising the Lifecycle Value of Surface Facilities in Marginal and Mature Field Operations Session Managers: Izham Ruslim, Jadestone ; M Zhafran Sulaiman, PETRONAS ; Marlina Salim, PETRONAS ; Hafiz Azlam, PETRONAS
1620 – 1640	Coffee and Tea Break
1640 – 1700	Workshop Summary and Closing Remarks

REGISTER TODAY 



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TECHNICAL
PROGRAMME



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SAVINGS
AVAILABLE



Early Bird and Group Registration Savings Available.

MARGINAL AND MATURE FIELD DEVELOPMENT AND OPERATION

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Tuesday, 6 August 2024

0900 - 1000

Welcome Remarks and Keynote Address

**WELCOME REMARKS**

Jazmie Osman
Workshop Co-chair
General Manager
PETRONAS

**WELCOME REMARKS**

Azmeer Ahmad
Workshop Co-chair
Senior Manager, Wells Operations
ExxonMobil

1000 - 1030 | **GROUP PHOTO / COFFEE AND TEA BREAK**

1030 - 1230

SESSION 1: PANEL SESSION - WAYS TO MONETISE MARGINAL AND MATURE FIELDS TO BRING VALUE TO PROJECT ECONOMICS

Session Manager: Jazmie Osman, **PETRONAS**; Azmeer Ahmad, **ExxonMobil**

The panel session will provide perspective from Host Authority, national field operators, international marginal field operators and service providers in addressing pinning facets of Marginal and Mature Fields issues and the way forward.

1230 - 1330 | **NETWORKING LUNCHEON**

1330 - 1530

SESSION 2: TECHNOLOGIES TO ENABLE MARGINAL AND MATURE FIELDS OPERATION AND DEVELOPMENT

Session Managers: Sorawee Rongdechprateep, **PTTEP**; M Sahir Ahmad Shatiry, **PETRONAS**; Jan Niuerwerf, **SNF**

The development and operation of marginal and mature fields present unique challenges that requires innovative solutions to ensure economic and production efficiency. Technologies such as EOR techniques play a pivotal role in maximising extraction from these fields.

1530 - 1550 | **COFFEE AND TEA BREAK**

1550 - 1750

SESSION 3: DRILLING, WELL COMPLETION AND WORKOVER TECHNOLOGIES AND SOLUTIONS TO MONETISE MARGINAL AND MATURE FIELDS

Session Managers: Nurul Ezalina, **PETRONAS**; Agus Jayadi, **SLB**

The session will discuss the cutting-edge technologies and ingenious solutions in optimisation of marginal and mature field operations, spotlighting advancements in cost-efficiency, safe asset management, enhance reservoir recovery and hydrocarbon production.

1830 ONWARDS | **WELCOME DINNER**

MARGINAL AND MATURE FIELD DEVELOPMENT AND OPERATION

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Wednesday, 7 August 2024

0900 - 1100

SESSION 4: INNOVATIVE APPROACHES TO SURFACE AND SUBSURFACE DESIGN AND LAYOUT OPTIMISATION FOR MARGINAL AND MATURE FIELD DEVELOPMENTSSession Managers: Siti Shafikah, **PETRONAS**; Leong Dong Guo, **PTTEP***This session will discuss innovative methods in facility design that fulfils safety, commercial and operational objectives and caters for future expansions with minimal environmental impact and explore unconventional methods to improve subsurface data credibility.*1100 - 1120 | **COFFEE AND TEA BREAK**

1120 - 1320

SESSION 5: ADVANCED PROCESS OPTIMISATION TECHNIQUES AND EXECUTION CASE STUDIES FOR ENHANCING PRODUCTION EFFICIENCY AND REDUCING OPERATING COSTS IN MARGINAL AND MATURE FIELDSSession Managers: Goh Bee Ling ExxonMobil; Zukhairi Ismail **PETRONAS**; Jason Kok, **INNOVATEQ***The search for higher production efficiency and lower operating costs is an ongoing effort in the mature and marginal fields. This technical session explores some of the advanced process optimisation techniques and execution case studies in this effort.*1320 - 1420 | **NETWORKING LUNCHEON**

1420 - 1620

SESSION 6: INTEGRATED ASSET LIFE EXTENSION AND MANAGEMENT STRATEGIES FOR MAXIMISING THE LIFECYCLE VALUE OF SURFACE FACILITIES IN MARGINAL AND MATURE FIELD OPERATIONSSession Managers: Izham Ruslim, **Jadestone**; M Zhafran Sulaiman **PETRONAS**; Marlina Salim, **PETRONAS**; Hafiz Azlam, **PETRONAS***The session explores novel technologies and methodologies that are applicable to operation, maintenance, inspection and asset integrity activities in marginal and mature fields, as assets gear up for late field optimisation and life extension activities.*1620 - 1640 | **COFFEE AND TEA BREAK**1640 - 1700 | **WORKSHOP SUMMARY AND CLOSING REMARKS**

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Reinforce your organisation's relationships with key industry practitioners

**Demonstrate Commitment**

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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.

The Society of Petroleum Engineers (SPE) is a not-for-profit organisation. Income from this event will be invested back into SPE to support many other Society programmes. When you attend an SPE event, you help provide even more opportunities for industry professionals to enhance their technical and professional competence. Scholarships, certification, the Distinguished Lecturer programme, and SPE's energy education programme Energy4Me® are just a few examples of programmes supported by SPE.