

SPE WORKSHOP

28 - 29 APRIL 2026 | BANGKOK, THAILAND



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Integrated Asset Integrity Management for HSSE, Sustainability, and Operational Excellence

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INTEGRATED ASSET INTEGRITY MANAGEMENT FOR HSSE, SUSTAINABILITY, AND OPERATIONAL EXCELLENCE

28 - 29 APRIL 2026 | BANGKOK, THAILAND

About the Workshop

Integrated Asset Integrity Management for HSSE, Sustainability, and Operational Excellence

The SPE Workshop: Integrated Asset Integrity Management for HSSE and Operational Excellence addresses the growing challenges faced by the energy industry in managing ageing assets, increasingly complex operating environments, and heightened expectations for safety, reliability and sustainability. As organisations balance operational performance with regulatory compliance and cost efficiency, a holistic and integrated approach to asset integrity has become essential.

This two-day workshop will bring together operators, regulators, asset owners and technology providers to share practical experiences, lessons learned and emerging best practices in advancing asset integrity through sustainable technologies, innovation and integrated solutions. The programme will feature interactive discussions, expert-led sessions and real-world case studies



Learn from real-life experiences and case studies in asset integrity, including practical challenges and lessons learnt from across the industry.



Discover how innovation, digitalisation and sustainable technologies are strengthening asset integrity practices and supporting operational excellence.



Explore integrated approaches that bring together engineering, technology, HSSE and regulatory frameworks to enhance asset reliability and resilience, sustainability and compliance.



Engage in highly interactive sessions designed to encourage open discussion, knowledge exchange and cross-disciplinary collaboration.

Who Should Attend?

 ASSET MANAGEMENT PROFESSIONALS

 CIVIL AND ENVIRONMENTAL ENGINEERING

 CORROSION MANAGEMENT AND ASSESSMENT SPECIALISTS

 DEEPWATER ENGINEERING AND OPERATIONS

 DRILLING AND COMPLETIONS ENGINEERS

 ENGINEERING, PROCUREMENT AND CONSTRUCTION PROFESSIONALS

 FACILITIES (MAJOR HAZARDS) SPECIALISTS

 GOVERNMENT REPRESENTATIVES AND REGULATORS

 HEALTH, SAFETY, SECURITY AND ENVIRONMENT (HSSE) PROFESSIONALS

 INSPECTION ENGINEERS

 INTEGRITY MANAGEMENT PRACTITIONERS

 MATERIAL ENGINEERING SPECIALISTS

 METALLURGICAL ENGINEERING PROFESSIONALS

 OFFSHORE FACILITIES AND STRUCTURAL MANAGEMENT

 OPERATIONS ENGINEERING TEAMS

 OPERATIONS INTEGRITY SPECIALISTS

 PETROLEUM AND PIPELINE ENGINEERS

 PROCESS SAFETY, QA/QC, WELL INTEGRITY AND RELATED ENGINEERING DISCIPLINES

GET TO KNOW OUR COMMITTEE MEMBERS

Take a look at the Committee Members from well-known organisations in the industry

NOT AN SPE MEMBER?

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



Programme Schedule

TUESDAY, 28 APRIL 2026

0800 – 0900 hours	Registration and Welcome Refreshments
0830 – 0845 hours	Welcome Remarks
0845 – 0930 hours	Keynote Address: Integrated Asset Integrity Management for HSSE and Operational Excellence
0930 – 1000 hours	Group Photo/Coffee and Tea Break
1000 – 1130 hours	Panel Session 1: Embedding Asset Integrity into Safe and Reliable Operations
1130 – 1230 hours	Session 1: Asset Integrity Management – Part I
1230 – 1330 hours	Networking Luncheon
1330 – 1430 hours	Session 1: Asset Integrity Management – Part II
1430 – 1530 hours	Session 2: Asset Integrity Monitoring and Cost Optimisation – Part I
1530 – 1600 hours	Coffee and Tea Break and ePoster Session 1
1600 – 1700 hours	Session 2: Asset Integrity Monitoring and Cost Optimisation – Part II
1700 – 1900 hours	Session 3: Microbiology
1900 – 2100 hours	Networking Dinner

WEDNESDAY, 29 APRIL 2026

0800 – 0900 hours	Registration and Welcome Refreshments
0830 – 1000 hours	Panel Session 2: From Strategy to Execution: Delivering Operational Excellence Through Asset Integrity
1000 – 1030 hours	Coffee and Tea Break/ ePoster Session 2
1030 – 1200 hours	Interactive Session 1: Ageing Assets, Life Extension and Corrosion Protection Strategies
1200 – 1300 hours	Networking Luncheon
1300 – 1500 hours	Session 4: Corrosion Management
1500 – 1530 hours	Coffee and Tea Break/ ePoster Session 3
1530 – 1700 hours	Interactive Session 2: Production-Driven Integrity Challenges: Sour Reservoirs and Sand Management
1700 – 1800 hours	Session 5: CCUS
1800 – 1815 hours	Workshop Summary and Closing Remarks



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PROGRAMME

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Tuesday, 28 April 2026

0900 - 1000

Welcome Remarks and Keynote Address



WELCOME REMARKS

Matina Thammachart
Workshop Co-chair
Corrosion Specialist and Materials and Corrosion Section Manager
PTT Exploration and Production Public Company Ltd. (PTTEP)



WELCOME REMARKS

Tan Su Anne
Principal Materials Engineer
PETRONAS



KEYNOTE SPEAKER

Benny Sidik
Vice President
Production and Project
PT Pertamina Hulu Energi (PHE)

0930 - 1000

GROUP PHOTO /
COFFEE AND TEA BREAK

1000 - 1130

PANEL SESSION 1: EMBEDDING ASSET INTEGRITY INTO SAFE AND RELIABLE OPERATIONS

Moderators: Tan Su Anne, **PETRONAS**

This panel explores embedding asset integrity into daily operations for safe and reliable performance. It focuses on turning strategies into practical actions across functions. Panellists will share insights on ageing assets, governance, and contractor alignment. The session highlights a shift to proactive, risk-based operational excellence.

1130 - 1230

SESSION 1: ASSET INTEGRITY MANAGEMENT - PART I

Session Managers: Douglas Grant Bennet, Intertek; Zaitunnazarah Saifuddin, **PETRONAS Carigali Sdn. Bhd**

This session explores practical approaches to strengthening asset integrity, including self-assurance programmes and life extension strategies. It highlights how organisations optimise performance while maintaining safety and reliability. Presentations will share real-world case studies from across the region.

1230 - 1330

NETWORKING LUNCHEON

1330 - 1430

SESSION 1: ASSET INTEGRITY MANAGEMENT - PART II

Session Managers: Douglas Grant Bennet, Intertek; Zaitunnazarah Saifuddin, **PETRONAS Carigali Sdn. Bhd**

This session explores practical approaches to strengthening asset integrity, including self-assurance programmes and life extension strategies. It highlights how organisations optimise performance while maintaining safety and reliability. Presentations will share real-world case studies from across the region.

1430 - 1530

SESSION 2: ASSET INTEGRITY MONITORING AND COST OPTIMISATION - PART I

Session Managers: Faizall Nazir, **Dialog Sdn. Bhd.**

This session focuses on innovative approaches to asset integrity monitoring and cost optimisation. It highlights strategies such as corrosion monitoring, biocide optimisation, and asset life studies to enhance safety and efficiency. Presentations will share practical insights from real operating environments.

1530 - 1600

COFFEE AND TEA BREAK AND
EPOSTER SESSION 1

1600 - 1700

SESSION 2: ASSET INTEGRITY MONITORING AND COST OPTIMISATION - PART II

Session Managers: Faizall Nazir, **Dialog Sdn. Bhd.**

This session focuses on innovative approaches to asset integrity monitoring and cost optimisation. It highlights strategies such as corrosion monitoring, biocide optimisation, and asset life studies to enhance safety and efficiency. Presentations will share practical insights from real operating environments.

1700 - 1900

SESSION 3: MICROBIOLOGY

Session Manager: Adam Soames, **Baker Hughes**

This session explores the role of microbiology in asset integrity, with a focus on microbiologically influenced corrosion (MIC). It covers best practices in monitoring, management programmes, and biocide optimisation. Speakers will share case studies on improving detection, prevention, and sustainable MIC mitigation.

1900 - 2100

NETWORKING DINNER

Wednesday, **29** April 2026**0800 - 0900** | **REGISTRATION AND
WELCOME REFRESHMENTS****0830 - 1000****PANEL SESSION 2: FROM STRATEGY TO
EXECUTION: DELIVERING OPERATIONAL
EXCELLENCE THROUGH ASSET INTEGRITY****Moderator: Matina Thammachart, PTT Exploration and Production
Public Company Ltd. (PTTEP)**

This panel explores how asset integrity is executed in operations to balance reliability, cost, performance, and risk. It focuses on moving beyond compliance towards resilience and sustainable performance. Panellists will share insights on ageing assets, risk-based approaches, digitalisation, and cross-functional collaboration.

1000 - 1030 | **COFFEE AND TEA BREAK/
EPOSTER SESSION 2****1030 - 1200****INTERACTIVE SESSION 1: AGEING ASSETS,
LIFE EXTENSION AND CORROSION
PROTECTION STRATEGIES**

This session explores managing ageing assets, life extension, and corrosion mitigation. It focuses on practical approaches to integrity, inspection, and decision-making while balancing safety, compliance, and cost. Speakers will share real-world lessons and key takeaways through an open, interactive discussion.

1200 - 1300 | **NETWORKING LUNCHEON****1130 - 1230****SESSION 4: CORROSION MANAGEMENT****Session Managers: Dev Menon, dp Fluiteq; Emir Sabarudin, SBM
Offshore**

This session explores key strategies for effective corrosion management, including corrosion inhibition, risk-based inspection, and cathodic protection. Speakers will share practical insights on improving integrity, enhancing compliance, and extending asset life.

1500 - 1530 | **COFFEE AND TEA BREAK/
EPOSTER SESSION 3****1530 - 1700****INTERACTIVE SESSION 2: PRODUCTION-DRIVEN
INTEGRITY CHALLENGES: SOUR RESERVOIRS
AND SAND MANAGEMENT****Moderator: Huraizah Zainal Nor, Mubadala Energy Jakarta**

This session explores integrity challenges in sour reservoirs and sand-producing environments. It focuses on managing corrosion, erosion, and reliability risks while maintaining production. Speakers will share practical insights on risk mitigation, material selection, and monitoring, with an emphasis on balancing production and integrity.

1700 - 1800**SESSION 5: CCUS****Session Managers: Tom Whitfield, Intertek; Budi Susilowati Anartani
Soedarsono, Medco E&P Indonesia**

This session explores asset integrity challenges in carbon capture, utilisation, and storage (CCUS), with a focus on corrosion management and CO₂ storage assurance. It highlights risk-based approaches to monitoring, verification, and long-term containment. Speakers will share insights on ensuring safe, reliable, and sustainable CCUS operations.

1800 - 1815 | **WORKSHOP SUMMARY AND
CLOSING REMARKS**

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Sponsorship Opportunities

Sponsorship support of the event helps offset the cost of producing workshops and allows SPE to keep the attendance price within reach of operation level-individuals, those who benefit most from these technical workshops.

Sponsors benefit both directly and indirectly by having their names associated with a specific workshop. While SPE prohibits any type of commercialism within the workshop room itself, the Society recognises that sponsoring companies offer valuable information to attendees outside the technical sessions.

Entitlements	Principal Sponsor USD 10,000	Gold Sponsor USD 8,000	Silver Sponsor USD 4,000	Table Display* USD 2,500
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Company logo listed on workshop brochure	✓	✓	✓	✓
Option to display one company bunting**	✓	✓	✓	✓

*Include 1 Oblong Table + 2 Chairs

**Company to provide bunting

Sponsorship packages are offered on a first-come, first-served basis. Please contact Jessica Tan at jt@spe.org to verify the availability of a particular sponsorship package.



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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.

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.



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Workshops offer sponsors unique access to a focused group of key decision-makers in the oil and gas industry. While SPE prohibits any type of commercialism within the workshop itself, it recognizes that sponsoring companies offer valuable information to attendees.

For a detailed list of available sponsorships, including benefits and pricing, contact Jessica Tan at jtan@spe.org.

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