







POWERING SUSTAINABILITY WITH INTEGRITY

ASSET INTEGRITY CONFERENCE

DAY 1

23 JUNE, 2025

Opening Sessions

07:30 - 09:00

Registration & Welcome Coffee

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AllVI	60	EXPL	, inau	guration

Welcome Address

Mosleh Al Harbi

Vice President Integrity & Operation
ADNOC Distribution

Keynote Session

Well	Integrity	a life cycle	perspective
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Johannes Zijlstra

Vice President, Operational Excellence

ADNOC

09:00 - 9:50

Redefining Pipeline Integrity in the Age of Non-Metallics

Dr. Gilles Lubineau

Professor, Mechanical Engineering I MCEM Director I ENERCOMP Director

KAUST & ENERCOMP

09:50 - 10:10

Sponsorship Appreciation & Plaque Distribution

10.10 - 11:10

EXHIBITION OPENING & COFFEE BREAK

Session 1

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Presentation 1

The Effectiveness of Acoustic Emission Testing in Corrosion Monitoring and Qualifying the Deferral of Storage Tank Turnarounds

Muhammed Al Lutfallah

Deputy Managing Director and Head of Engineering & Technical Services Department

Aramco Asia Japan

	DAII.		
11:35-12:00	Presentation 2 Navigating Change Management: Bridging Human & Robotic Collaboration with Employee-Centric Strategies for Autonomous Robotics Inspections. Abram Jijimon Theckayil Technical Solutions Specialist - Robotics & Drones Sigma Enterprises LLC		
12:00-12:25	Presentation 3 Digital Inspection Intelligence: Revolutionizing Asset Integrity through Predictive Simulation in NDT Francisco Garcia Torres Business Development Manager Blue Horizon Services and Oil Field Maintenance		
12:25-13:00	Panel Discussion 1 Digital Transformation of Asset Integrity: Maximizing Efficiency and Safety Moderator Muhaen Elhaddad EFC International Branch Vice Chair (Downhole Corrosion & Erosion SME) EFC Panelist Muhammed Al Lutfallah Deputy Managing Director and Head of Engineering & Technical Services Department Aramco Asia Japan Panelist Omar El Sinnary MANAGER, ENGINEERING SERVICES (INSPECTION & CORROSION) ADNOC Gas		
13:00-14:05	NETWORKING LUNCH BREAK		
	Session 2		
14:05-2:30	Presentation 4 Integration of Asset Integrity Management with Asset Management Standard Ahmed Algoburi Senior Integrity Engineer - Terminals and Pipelines ADNOC Onshore		
14:30-14:55	Presentation 5 Next Generation of Asset Integrity Management Systems (aims) Hossam Aboegla Founder and CEO Add Value Consultancy		
14:55-15:25	NETWORKING COFFEE BREAK		
15:25-15:50	Presentation 6 Digitalisation for Asset Integrity Management Systems Dan Millard CEO Eserv		



Presentation 7

Hydrogen Embrittlement and ${\rm CO_2}$ -Rich Stream Exposure: Material Integrity Challenges in Energy Transition Projects

Ayesha Mohamed Alshamsi

Pipeline Engineer
ADNOC Offshore

Saeed Mohamed Al Mazrooqi

Integrity Engineer
ADNOC Offshore

END OF DAY 1

DAY 2

24 JUNE, 2025

08.00 - 09.00

Registration & Welcome Coffee

Session 3		
09.00 - 9:25	Presentation 8 Asset Integrity with Digital Twin Technology Matthew Bell Managing Director Envizion	
09:25 - 09:50	Presentation 9 Al-Driven Digital Transformation in Asset Integrity: Revolutionizing Non-Destructive Testing (NDT) for the Energy Sector Sherif Alaa Global Energy Manager and Sustainability Strategist Dimate GmbH	
09:50 -10:15	Presentation 10 Enhancing Pressure Vessel Inspection: The Role of Non-Intrusive and Remote Internal Inspection Methods All Mumtaz Business Development & Client Relations Manager ESR Technology	
10:15-10:20	Introduction About ASNT - UAE SECTION Activities	
10:20-11:00	NETWORKING COFFEE BREAK	

11:00-11:25	Presentation 11 A brief on new recommended practice CUI RP 101 for CUI Management with Remote Monitoring Dr. Prafull Sharma Chief Technology Office CorrosionRADAR		
11:25-11:50	Presentation 12 Optimizing pressure relief device (PRD) testing intervals through service-based grouping and performance history analysis K. Murugadoss Senior Technical Advisor – Asset Integrity Quest Global		
11:50-12:15	Presentation 13 Al-based Inspection Software: Automating Inspection Workflows and Enhancing Inspection Quality Jan Löwer Co-Founder & CEO Deeplify GmbH		
12:15-12:40	Presentation 14 Optimizing Asset Integrity Management: Comparative Advantages of AI, Human, and Hybrid Models in FFS & RBI Applications Mohamed Karim Ramy Hassanin Managing Director Apex- FI LifeTech Engineering Ltd		
12:40 - 13:10	Panel Discussion 2 The Future of Asset Integrity Management Moderator Suraj Rangashayi Global Business Head for Energy Quest Global Panelist Abdulla Al Tenaiji Manager, Engineering Services (Inspection & Corrosion) ADNOC Gas Panelist Mohammed Abufour Global Consultant - Advanced Nondestructive Inspection Technologies Panelist Arise Global Group		
13.00 - 14.10	NETWORKING LUNCH BREAK		



	DAY 2		
	Session 4		
14:10-14:35	Presentation 15 Asset Integrity Improvement Case Studies In Maaden Phosphate Beneficiation Plant Kannan Palaniappan Lead Engineer, Mechanical I Maaden		
14:35-15:00	Presentation 16 Inductosense WAND Online Presentation Abstract William Barnes Technical Account Manager Inductosense Ltd		
15:00-15:30	NETWORKING COFFEE BREAK		
15:30-15:55	Presentation 17 Risk-Based Inspection (RBI) Study for Three Gas Production Deck Modules (PDMs) with Sensitivity Analysis Dr. Mohammad Shayegani Senior Materials and Corrosion Engineer I Asset Integrity Specialist Monaco Engineering Solutions (MES)		
15:55-16:20	Presentation 18 Implementing Artificial Intelligence for Enhancing Risk-Based Inspection (RBI) in the Oil and Gas Industry Gani Sultanov Reem Almehairbi Senior Product Specialist AIQ AIQ AIQ		
16:20-16:45	Presentation 19 Challenging Scraping Requirements for Gas Flowlines: A Corrosion Mitigation Strategy Marwan Alomair Corrosion Engineer Aramco		

END OF DAY 2



DAY 3 25 JUNE, 2025

08.00 - 09.00 Registration & Welcome Coffee

Session 5			
09:00-9:25	Presentation 20 A Study on Resources Mobilization in Turnaround/Shutdown Maintenance Duraisamy Dhanaraj Sr. Engineer Turnaround Management Borouge		
9:25-9:50	Presentation 21 A Case Study of Corrosion Erosion in a Wet Air System Hussain M. Boudrees Corrosion Engineer Aramco		
9:50-10:15	Presentation 22 Advantage of interfacing multi platforms as input to Asset integrity and corrosion management Khaled Al Mokhals Lead Engineer Integrity & Inspection SASREF		
10:15-11:10	NETWORKING COFFEE BREAK		
10:45-11:10	Presentation 23 Data Driven Decision-making To Maximise Limited Resources And Enable A Sustainable Transition Venkat Lakkireddy CEO Evolive		
11:10-11:35	Presentation 24 Utilization of gas jet compressor in gas compression plants Saad Alarjani Lead Operations Engineer Aramco		

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Pane	DISC	ussion	3

Decommissioning in the Energy Transition : Navigating the Complexities of Aging Oil and Gas Infrastructure

Moderator

Karim G Said

Asset Integrity Expert

Panelist

Ahmed Khalifa Al Owaid
Team Leader Inspection

ADNOC Gas

11.55-12.05

Panelist

Dr. Mohamed ELHabbal

Assistant General Manager - Special Offshore

Structures Department Manager

ENPPI

Panelist

Roberto Garbuglia

Global Asset Integrity Director

Monaco Engineering Solutions (MES)

12:05 - 14.00

NETWORKING LUNCH

END OF CONFERENCE



POWERING SUSTAINABILITY WITH INTEGRITY

WELL INTEGRITY CONFERENCE

Opening Sessions

DAY 1

23 JUNE, 2025

07:30 - 09:00	Registration & Welcome Coffee
09.00 - 10:00	Inauguration and Keynote Session Sponsorship Appreciation & Plaque Distribution (Hall 1)

10.10 - 11:10 EXHIB

EXHIBITION OPENING & COFFEE BREAK

Session 1		
11:10-11:35	Presentation 1 Achieving Well Integrity in the Age of Digitalization and Al Fayez Issa Advisor, Well Integrity ADNOC HQ	
11:35-12:00	Presentation 2 Unlocking The Unseen: Advanced Approaches For Detecting Hidden High LEL Gas Pressure Sources In Annular Spaces Khaled Sedrati Data Analysis and Interpretation Specialist TGT Diagnostics	



		DAI
12:00-12:25	Presentation 3 Turning Risks into Opportunities Imtiaz Ali Well Integrity Engineer ADNOC Offshore	
12:25-12:50	Presentation 4 The Perils of a Subsea Producer Well: A Multi W Experience in Deepwater, West Africa Efemena Uvieghara Engineer and Well Integrity Focial Point, SNEPCo Shell Nigeria Exploration and Production Company	ell Integrity and A Multi Well Intervention Ifeanyi Ugbor Lead Well Engineer CWI Shell
12:50-14:00	NETWORKING LUNCH BREAK	

Session 2			
14:00-14:25	Presentation 5 High-Resolution Acoustic Imaging: Case Studies in Practical Well Integrity Applications Zachary Evans Technical Sales Director – Well Integrity DarkVision		
14:25-14:55	Key Note Panel Discussion 1 Technological Advancements in Well Integrity Monitoring and Maintenance Moderator Aidar Zhukin Sr. Well Integrity Engineer ADNOC Onshore Panelist Muhsen Elhaddad EFC International Branch Vice Chair (Downhole Corrosion & Erosion SME) Fanelist Wontamed Abshenas Product Line Director - Saas TGT Diagnostics		
14:55-15:25	NETWORKING COFFEE BREAK		
15:25-15:50	Presentation 6 Solving Sustained Casing Pressure Challenges at the Source Mohamed Aly Tawfik Operations Manager – Middle East Wellcem		

15:50-16:15	Presentation 7 Effectively Containing Wellhead Gas Leaks and De-risking High-Risk SAP B Well: A Novel Approach to Ensuring Reliable Well Integrity	
	Saeed Ahmed Alkaabi Engineer, Well Integrity ADNOC Onshore	Saeid Al Kasar Senior Well Integrity Engineer ADNOC Onshore
16:15-16:40	Presentation 8 Well Integrity – Inspection, Mair Bruce Trader Founder and President Madcon Corporation	itenance & Repair

END OF DAY 1

DAY 2

24 JUNE, 2025

08.00 - 09.00

Registration & Welcome Coffee

	Session 3
09.00 - 9:25	Presentation 9 Ensuring robust barriers for extended well life Manish Srivastava Specialist Well Integrity ADNOC Offshore
9:25-9:50	Presentation 10 Leveraging acoustic technologies for enhanced abandonment barrier placement and verification Matthew Lawrence Region Technical Advisor Archer



	DATZ	
9:50-10:15	Presentation 11 Securing Well Integrity: A Case Study of Completion Leak Detection Utilizing Spectral Noise Log and Implementing Rigless Solutions for Production Restoration Parvez Nophel Senior Well Integrity Engineer Dragon Oil	
10:15-11:00	NETWORKING COFFEE BREAK	
11:00-11:25	Presentation 12 Novel Diagnostic Technologies for Improved Well Integrity Evaluations Moustafa Ismail Global Geoscience Manager GoWell	
11:25-11:50	Presentation 13 Cutting-Edge Wellhead Support to Secure Subsiding and Unstable Onshore Wells: Casing and Structural Rehabilitation Methodology Abdalla Magdy Darwish Senior Well Integrity Engineer ADNOC Onshore Subsiding and Unstable Onshore Wells: Casing and Structural Rehabilitation Methodology Subsiding and Unstable Onshore Wells: Casing and Structural Rehabilitation Methodology Abdalla Magdy Darwish Suhail Alseiari Well Integrity Engineer ADNOC Onshore	
11:50-12:15	Presentation 14 Well Integrity – Inspection, Maintenance & Repair Bruce Trader Founder and President Madcon Corporation	
12:15-12:40	Presentation 15 Unconventional Gains using Fiberglass Tubular Lining Technology: Flow Assurance and ESP Lifetime Enhancement Amr Al Khouly Sales manager Maxtube	
12:40-13:05	Presentation 16 "Al" is not always Complicated – Transforming Offshore Operations to Control Room Operations Muhammad Abou Amad Senior Engineer, Well Integrity ADNOC - Offshore	



15:30-16:00

DAY 2

13:05 - 14:05	NETWORKING LUNCH BREAK		
	Session 4		
14:05-14:30	Conventional remediation techniques: A nov Mariam Taleb Alkatheeri Well integrity engineer	rategy through combined deployment of Advanced & vel case study with 100% success rate Rahul Kumar Senior Engineer, Well Integrity ADNOC Onshore	
14:30-15:00	Panel Discussion 2 The Challenge of Maintaining Well Integrity Moderator Azza El Hassan Senior Cement Engineer ADNOC Offshore	in Extreme Environments Panelist Andrey Yugay Well Integrity Specialist ADNOC Onshore	
	Panelist Manish Srivastava Specialist in Well Integrity ADNOC Offshore	Panelist Zachary Evans Technical Sales Director – Well Integrity DarkVision	
15:00-15:30	Presentation 18 An Integrated Riser-based Intervention Vess Development, and Deployment Tobechukwu Ezeokafor Lead Well Engineer-Completions and Well Intervence Shell		

END OF DAY 2

NETWORKING COFFEE BREAK



25 JUNE, 2025

08.00 - 09.00	Registration & Welcome Coffee
	Session 5
9:00-9:30	Panel Discussion 3 Human Factors and Operational Excellence Moderator Azza El Hassan Senior Cement Engineer ADNOC Offshore Panelist Ayedh Al Ameri A/Team Leader Facility Integrity (Corporate) ADNOC ONSHORE Panel Discussion 3 Panelist Dr. Mostafa Yakout Well Integrity Advisor ADNOC Panelist Ahmed Hasan Al Hosani Well integrity Team leader ADNOC ONSHORE
9:30-9:55	Presentation 19 Enhancing Well Integrity and Production Optimization Vasily Skutin Technical Adviser Expro
9:55-10:20	Presentation 20 Innovative Placement for epoxy sealant to cure casing's SAP Aidar Zhukin Sr. Well Integrity Engineer ADNOC Onshore
10:20-11:00	NETWORKING COFFEE BREAK
11:00-11:25	Presentation 21 Understanding Well-to-Well Communication and connection with C-ann Pressure Dynamics. Karim Khairy Nasr Irina Petrova Wireline Logging Contracts Engineer Technical Business Consultant ADNOC Offshore TGT Diagnostics
11:25-11:50	Presentation 22 Maximizing Tubular Longevity in Sour and Corrosive Formations : A Performance-Based Approach Dr. Kharis Musaleev Business Development Manager – Eastern Hemisphere ALTOR

11:50-12:15

Presentation 23

Enhancing Well Integrity and Preventing Incidents: The Power of Machine Learning in Predicting Well Failure

Azlan Bin Ali

Specialist Well Integrity Assesment

ADNOC Onshore

13:00 - 14.00

NETWORKING LUNCH

END OF CONFERENCE



POWERING SUSTAINABILITY WITH INTEGRITY

PIPELINE INTEGRITY CONFERENCE

Opening Sessions

DAY 1

23 JUNE, 2025

07:30 - 09:00	Registration & Welcome Coffee	
09.00 - 10:00	Inauguration and Keynote Session Sponsorship Appreciation & Plaque Distribution (Hall 1)	
10.00 - 11:00	EXHIBITION OPENING & COFFEE BREAK	
	Session 1	The second second
10:50 - 11:30	Ahmed Algoburi Senior Integrity Engineer \ Terminals and Pipelines ADNOC Onshore Panelist Dr. Mohamed ELHabbal Assistant General Manager Special Offshore	Panelist Mohammed Abufour Global Consultant - Advanced Nondestructive Inspection Technologies Panelist Ayman Amer ADNOC KU Program Manager ADNOC
11:30 - 12:00	Asset Integrity Expert	through Internal Threats Management Hamed Alshamsi Integrity Engineer ADNOC Distribution
12:00 - 12:30	Presentation 2 Advancing Pipeline Integrity: Smart Cutting-E Assessment Mohammed Abufour Global Consultant - Advanced Nondestructive Inspection Technologies	Edge Technologies for Stress Corrosion Cracking

12:30 - 1:00	Presentation 3 Innovative Clamp Technology sets New Standard for Subsea Repair Christian Rosnes Vice President Norclamp
1:00 - 2:00	NETWORKING LUNCH BREAK

Session 2		
2:00 - 2:30	Presentation 4 Pigging Previously Unpiggable Pipelines Jason Weiss Vice President of Innovation & Technology ARGUS	
2:30 - 3:00	Presentation 5 Robotic & Ultrasonic Inspection for Utilities and Pipelines Sabri Baba Advanced NDT Product Manager I Middle East • Turkey • Africa Evident Europe GMBH – MEA	
3:00 - 3:30	NETWORKING COFFEE BREAK	
3:30 - 4:00	Presentation 6 Deriving a Representative Crack Population without ILI Data to Support Hydrogen Repurposing Assessments Nick Molnar Senior Pipeline Integrity Engineer Penspen	
4:00-4:30	Presentation 7 Unpiggable pipelines Inspection challenges and optimal solution Ganesan Anandan Sultan Alowaid Pipeline engineer Subsea Pipeline Engineer ADNOC Offshore ADNOC Offshore	



DAY 2 24 JUNE, 2025

08.00 - 09.00	Registration & Welcome Coffee	
Session 3		
9:00 - 9:30	Presentation 8 An Innovative ALARP Strategy for Managing Shielded Corrosion Ahmed Shaibani Lead Pipeline Integrity Engineer Petroleum Development Oman (PDO) Osvaldo Mejia Giraldo Senior Pipeline Integrity Engineer Petroleum Development Oman (PDO)	
9:30 - 10:00	Presentation 9 Robotic Coating for Pipeline Internal Girth Welds Hussain Darwish Sr. Engineer Aramco	
10:00 - 10:30	Presentation 10 Overcome Passing Ability Limit: New Inspection Method Jet Wang Operation Manager IP Pipeline Technology	
10:30 - 11:30	NETWORKING COFFEE BREAK	
11:30 - 12:15	Panel Discussion 2 Digital Transformation in Pipeline Integrity Moderator Osvaldo Mejia Giraldo Senior Pipeline Integrity Engineer Petroleum Development Oman (PDO) Panelist Panelist Panelist Panelist Panelist	
	Ayman Amer ADNOC KU Program Manager Khalifa University Kashif Salim Regional Director Abyss Solutions Ahmed Shaibani Lead Pipeline Integrity Engineer Petroleum Development Oman (PDO)	
12:15 - 12:45	Presentation 11 Digital twin experience on CP management of a complex pipeline network Christophe Baete Manager Corrosion Engineering Elsyca	

12:45 - 1:15	Presentation 12 The Challenge of Cracks – A global snapshot of onshore transmission pipeline challenges Brian Kerrigan Principal Integrity Engineer Frontline Integrity Ltd
01:15 - 02:15	NETWORKING LUNCH BREAK

	Session 4
2:15 - 2:45	Presentation 13 Artificial Intelligent for Asset Integrity Ahmed Mohamed Al dhuhoori Corrosion Engineer ADNOC - Offshore
2:45 - 3:15	Presentation 14 Liquid Contamination in Gas Pipelines and Compressors – Risks, Detection, and Prevention Paul Stockwell Managing Director Process Vision Ltd
3:15 - 3:45	Presentation 15 Application of Machine Learning for Subsea Pipeline Freespan Assessment Purnomo Setyawendha Sr Pipeline Integrity Engineer Dragon Oil Khaled Alhadhrami Senior Integrity Engineer Dragon Oil
3:45 - 4:15	NETWORKING COFFEE BREAK

END OF DAY 2



DAY 3 25 JUNE, 2025

08.00 - 09.00	Registration & Welcome Coffee	
	Session 5	
9:00 - 9:30	Presentation 16 Inspection Solutions of Challenging Pipelines Hussain Darwish Sr. Engineer Aramco	
9:30 - 10:00	Presentation 17 Innovative RBI Model for Pipelines Combining Various Codes and Standards Reza Shahrivar Managing Director LifeTech Engineering Ltd	
10:00 - 11:00	NETWORKING COFFEE BREAK	
11:00-11:30	Panel Discussion 3 The Sustainable Pipeline: Adapting to the Energy Transition Moderator Osvaldo Mejia Giraldo Senior Pipeline Integrity Engineer Petroleum Development Oman (PDO) Panelist Dr. Henry Osabohien Pipeline Expert Petroleum Development Oman (PDO) Panelist Dr. Henry Osabohien Pipeline Expert Petroleum Development Oman (PDO) ARGUS	
11:30 - 12:00	Presentation 18 Hydrogen Pipeline Integrity: Challenges and prospects towards net-zero future Dr. Twinkle Paul Materials and corrosion engineer Wood	
12:00-12:30	Presentation 19 Corrosion despite protection & live leak repair (above / underground / under water) Gokul Jayanth Regional Manager – Middle East & India Metalyte Pipeworks	
1:00-2:00	NETWORKING LUNCH BREAK	